

[illegible]

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2

25X1

25X1

a too low arrangement of antennas. The first connection between Wildpark and Stuelpe was established at 1 p.m. on 30 January. The line between Radeberg and Wildpark was in operation on 1 February. The connections between Stuelpe and Keulenberg and Radeberg were still rather poor. On 4 February, Lieutenant Colonel Moldavanov ordered an additional relay station to be established at Keulenberg. This relay station was established on 5 February by means of two RVG 902 E directional transmitters. The antenna of the installation was mounted on a brick tower, 20 meters high. The first connection between Keulenberg and Stuelpe via Collmberg was established at 6 p.m. Moldavanov was not satisfied with the results. On 6 February, Moldavanov transferred the terminal of the line from Radeberg to Langenbrueck (N 52/E 29). The antenna was mounted on a telescopic mast, supplied by the Russians. The connection between Langenbrueck and Keulenberg proved to be very good. However, the connection between Collmberg and Wildpark via Stuelpe deteriorated from day to day. On 7 February, no satisfactory communications were possible between Langenbrueck and Wildpark. There were many defects in the RVG equipment. At 1 p.m. on 8 February, Herr Megla (fnu), chief of the development department and Herr Wilke (fnu), a specialist in the field of directional transmitters, proceeded to Stuelpe. Herr Ringel (fnu), chief of the test laboratory for directional sets, proceeded to Wildpark. However, the three experts of the Sachsenwerk Plant, did not succeed in operating the decimeter wave radio line satisfactorily. Herr Megla admitted the two stage transmitters installed in the RVG 902 E set were faulty. At 10 a.m. on 9 February, he ordered that all the stations of the line discontinue their operations and that all RDS type radio trucks return to the Sachsenwerk Plant. \*\*

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\* ☐ Comment. For sketch of the radio line as ordered by the Soviets. see Annex 1. For sketch of the line suggested by exports work Plant, see Annex 2.

\*\* ☐ Comment. The report supplements previous information. The tests were a failure, because it was not possible to establish communication between Wildpark and Radeberg, a 450 km stretch, satisfactorily. It appears that the transmitters will have to be redesigned.

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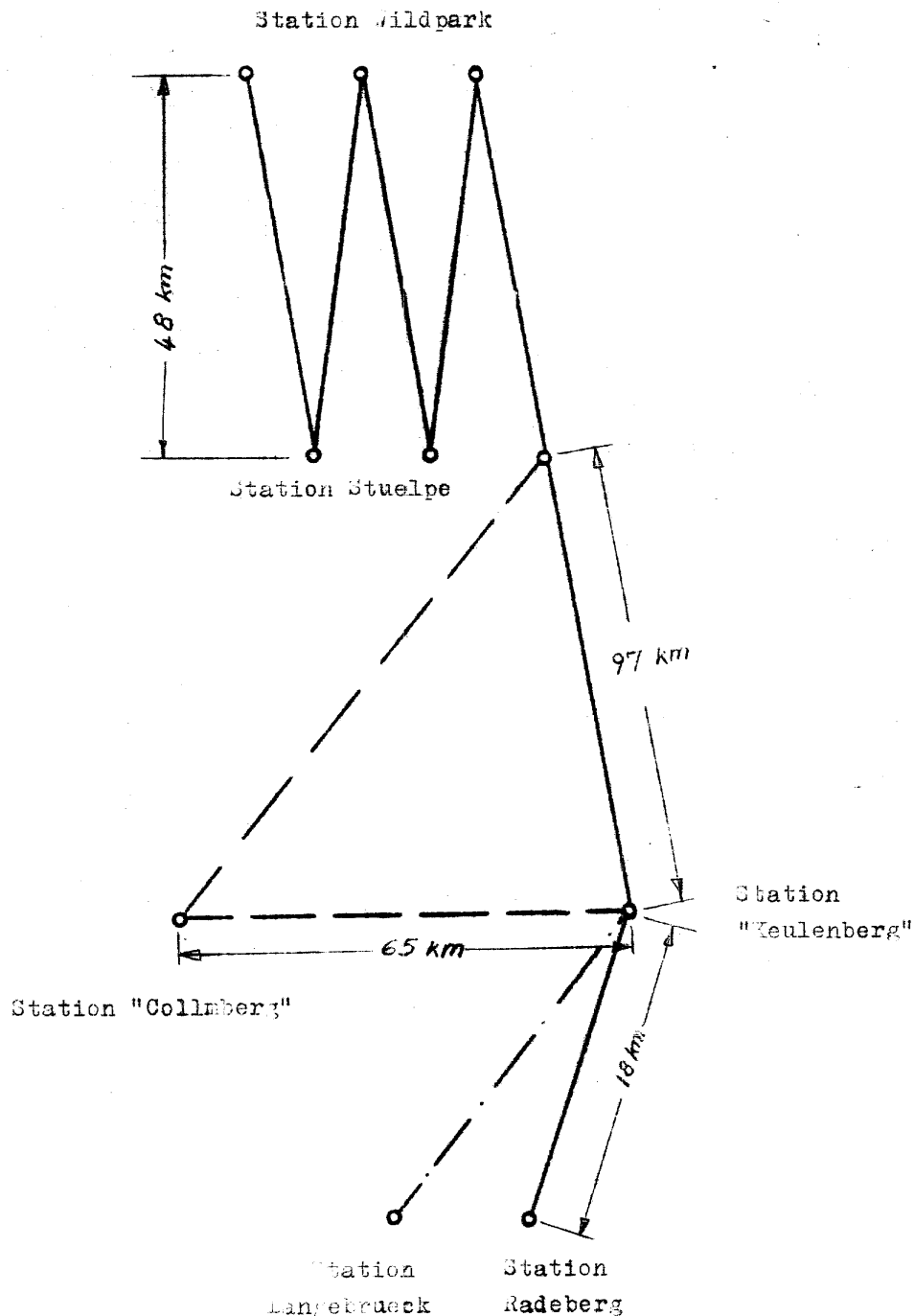
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Annex 1

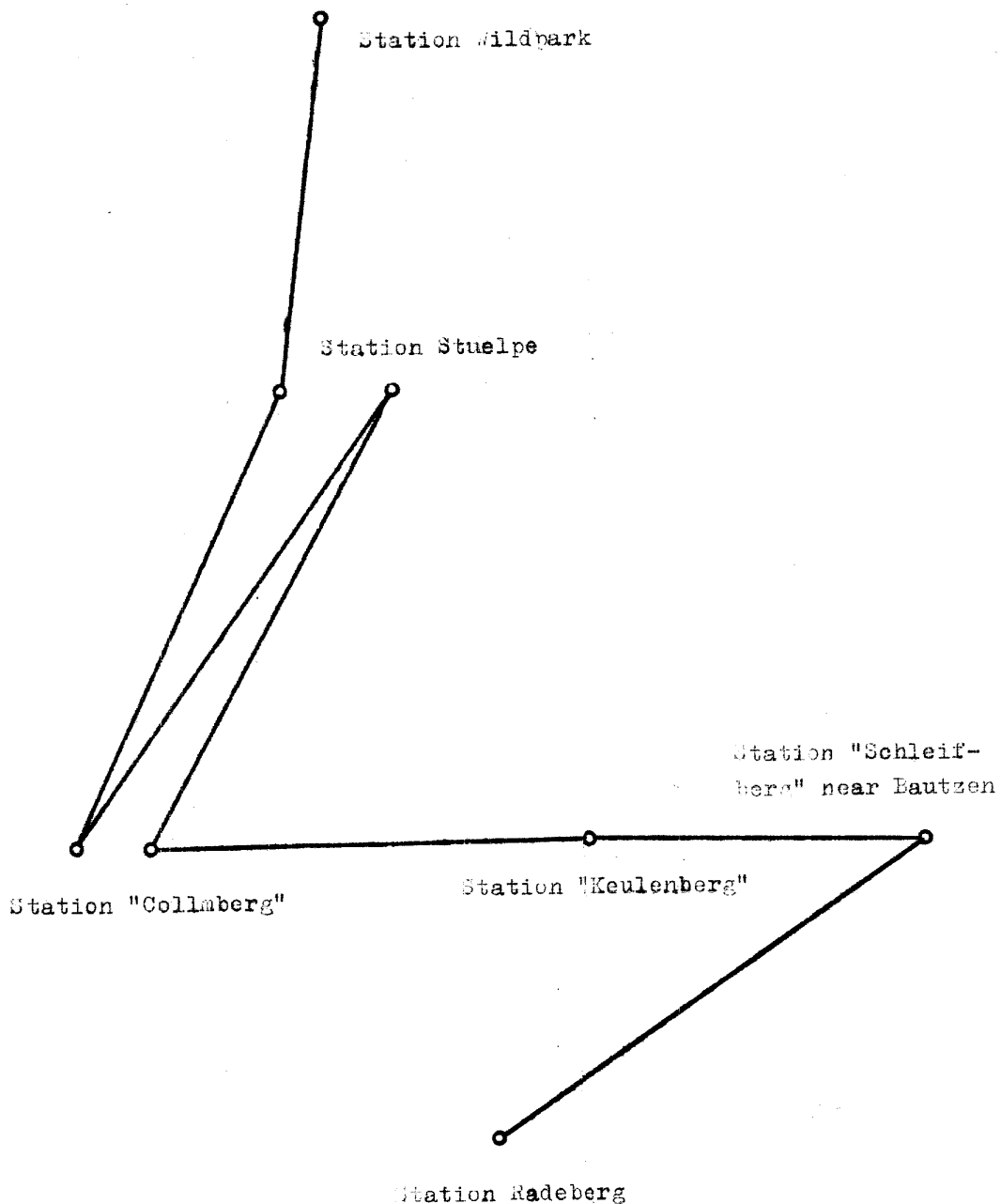
Location of RDS Radio Trucks for the Conduct of Acceptance

Tests Held between 23 January and 9 February 1952



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Location of RDS Type Radio Trucks as Proposed by the  
Sachsenwerk Plant



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